

REMARKS

1. In response to the final Office Action mailed June 17, 2005, Applicants respectfully request reconsideration. Claims 1-7, 10-14 and 16-27 were last presented for examination. Claims 23, 24 and 27 were rejected in the outstanding Office Action. Claims 25 and 26 were objected to. No Claims have been canceled or added. Claim 26 was amended. Thus, upon entry of this paper, claims 1-7, 10-14 and 16-27 will remain pending in this application. Of these twenty-four (24) claims, five (5) claims (claims 1, 14, 19, 23 and 27) are independent. Based on the above Amendments and following Remarks, Applicants respectfully request that the outstanding objections and rejections be reconsidered, and that they be withdrawn.

Art of Record

2. Applicants acknowledge receipt of form PTO-892 identifying additional references made of record by the Examiner.
3. Applicants acknowledge receipt of the form PTO-1449 filed by Applicants on February 28, 2005, which has been initialed by the Examiner indicating consideration of the references cited therein.

Allowable Subject Matter

4. Applicants note with appreciation the Examiner's indication that claims 1-7, 10-13, 16-18 and 20-22 are allowable. Applicants also note with appreciation the Examiner's indication that claim 25 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim Objections

5. Dependent claim 26 has been objected to because of an informality. Applicants have amended claim 26 to correct this deficiency. Applicants respectfully request withdrawal of this claim objection.

Claim Rejections

6. Independent claim 23 and dependent claim 24 have been rejected under 35 U.S.C §102(b) as being anticipated by U.S. Patent No. 6,351,827 to Co, *et al.*(hereinafter, “Co”). Also, independent claim 27 has been rejected under 35 U.S.C §102(b) as being anticipated by the Winbond article of March 8, 2001. Based on the above Amendments and following Remarks, Applicants respectfully request that these rejections be reconsidered, and that they be withdrawn.

7. With regard to independent claim 23, in the December 13, 2004 office action, the Examiner stated that dependent claim 6 was directed to allowable subject matter and would be allowable if rewritten in independent form. In the reply filed March 14, 2005, Applicants added independent claim 23 to the application. New claim 23 recited precisely that which was indicated by the Examiner as being allowable, namely, claim 6 which was objected to claim 1 (base claim) and claim 4 (intervening claim). Despite this, the Examiner in this Final Office Action rejected claim 23.

8. Applicants respectfully submit that this new grounds for rejection is improper for at least the following reasons. Independent claim 23 recites, in part, a “hardware monitor in communication with said regulator and said controller, said hardware monitor configured to measure said output voltage of said regulator and transmit said measured voltage to said controller.” In rejecting claim 23, the Examiner relied on col. 8 lns. 59-67 of Co for allegedly disclosing this limitation. Applicants respectfully disagree with the Examiner.

9. Co is directed to margin testing of memory modules using a personal computer motherboard. (*See*, Co at Abstract.) Col. 8 lns. 59-67 of Co disclose a controller card connected to a LAN card of the motherboard. (*See*, Co at col. 8 lns. 59-67.) The controller card is disclosed as sending a pass/fail signal to the LAN card for transmission over a network to a central server. (*Id.*) The central server receives the pass/fail signals and keeps track of statistics, such as total passed and failed modules and test time. (*Id.*) This section, however, does not even mention voltages, let alone measuring an output voltage of a regulator and transmitting the measure voltage to the controller.

10. As such, Applicants respectfully submit that independent claim 23 is allowable for at least the reason that Co fails to teach or suggest a “hardware monitor in communication with said regulator and said controller, said hardware monitor configured to measure said

output voltage of said regulator and transmit said measured voltage to said controller,” as recited in claim 23.

11. With regard to independent claim 27, Applicants respectfully disagree with the Examiner’s rejection for at least the following reasons. Independent claim 27, recites, in part, “means for transmitting one or more commands to a means for adjusting a voltage to cause the means for adjusting to affect generation of one or more test voltages at a power rail supplying voltage to said components, the means for transmitting implementing an Intelligent Platform Management Interface (IPMI) protocol.” (*See*, Applicants claim 27, above.) In rejecting claim 27, the Examiner relied on paragraph 2 of the Winbond article.

12. The Winbond article is an announcement by Winbond of a Baseband Management Controller (BMC). Paragraph 2 of the Winbond article states that this BMC has passed the ICTS test and is a highly integrated controller developed for IPMI BMC applications. It further states that the BMC has ports supporting remote control and that it can communicate with other platforms (e.g., IPMB, AOL). This section, however, does not mention adjusting voltages, nor generating test voltages at a power rail. In fact, this section does not mention voltages at all. As such, Applicants respectfully submit that the Winbond article fails to teach or suggest “means for transmitting one or more commands to a means for adjusting a voltage to cause the means for adjusting to affect generation of one or more test voltages at a power rail supplying voltage to said components, the means for transmitting implementing an Intelligent Platform Management Interface (IPMI) protocol,” as recited in claim 27.

13. Claim 27 further recites, in part, “means for monitoring said computer system to determine a response to each of said test voltages.” The Examiner relied on paragraph 1 of the Winbond article for allegedly disclosing this limitation. Paragraph 1, however, merely announces an allegedly new interface (IPMI) and that IT managers can get platform management information and physical health status information through IPMI. This section, however, does not mention test voltages, let alone determining a response to test voltages. As such, Applicants respectfully submit that the Winbond article fails to teach or suggest “means for monitoring said computer system to determine a response to each of said test voltages,” as recited in claim 27.

14. For at least the above discussed reasons, Applicants respectfully request that the Examiner reconsider and withdraw the rejections to independent claims 23 and 27.

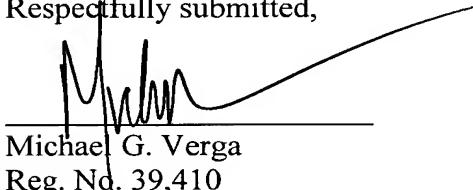
Dependent Claims

15. The dependent claims incorporate all of the subject matter of their respective independent claims and add additional subject matter which makes them a fortiori and independently patentable over the art of record. Accordingly, Applicant respectfully requests that the outstanding rejections of the dependent claims be reconsidered and withdrawn.

Conclusion

16. In view of the foregoing, this application should be in condition for allowance. A notice to this effect is respectfully requested.

Respectfully submitted,



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